

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
31 July 2003 (31.07.2003)

PCT

(10) International Publication Number  
WO 03/062316 A1

(51) International Patent Classification<sup>7</sup>: C08L 23/16,  
23/10, 23/12, 53/00, 53/02

(74) Agent: GAVERINI, Gaetano; Basell Poliolefine Italia  
S.p.A., Intellectual Property, Via Pergolesi, 25, I-20124 Mi-  
lano (IT).

(21) International Application Number: PCT/EP03/00399

(81) Designated States (*national*): AU, BR, CA, CN, CO, CZ,  
HU, ID, IL, IN, JP, KR, MX, NO, PH, PL, RO, RU, SG,  
SK, UA, US, YU, ZA.

(22) International Filing Date: 16 January 2003 (16.01.2003)

(25) Filing Language: English

(84) Designated States (*regional*): European patent (AT, BE,  
BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU,  
IE, IT, LU, MC, NL, PT, SE, SI, SK, TR).

(26) Publication Language: English

(30) Priority Data:  
2002-15859 24 January 2002 (24.01.2002) JP

**Declarations under Rule 4.17:**

- as to the applicant's entitlement to claim the priority of the  
earlier application (Rule 4.17(iii)) for all designations
- of inventorship (Rule 4.17(iv)) for US only

(71) Applicant (*for all designated States except US*): BASELL  
POLIOLEFINE ITALIA S.P.A. [IT/IT]; Via Pergolesi,  
25, I-20124 Milano (IT).

**Published:**

— with international search report

(72) Inventor; and

(75) Inventor/Applicant (*for US only*): IWASHITA,  
Toshiyuki [JP/JP]; 1075-14 Koikebaru, Oita City, Oita  
Prefecture 870-0147 (JP).

*For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.*

(54) Title: POLYPROPYLENE RESIN COMPOSITION

(57) Abstract: A polypropylene composition comprising (C) one or more compound(s) selected from the group consisting of oxides of the group 2 or the group 12 metals of the periodic table and metal alkoxides, added in an amount of from 0.01 to 2 weight parts to 100 weight parts of a resin component prepared by subjecting 100 weight parts of a resin component comprising (A) from 10 to less than 80 weight parts of a polypropylene component having a melt flow rate of from 0.1 to 300 g/10min and (B) from 90 to more than 20 weight parts of an olefin copolymer rubber component having an intrinsic viscosity  $[\eta]$  of from 0.5 to 5.0 dl/g to a treatment of irradiating with an ionizing radiation and/or a melt treatment after adding from 0.05 to 5 weight parts of an organic peroxide.

502,102



WO 03/062316 A1